

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

4/15/11

Kate Sarmini
Assistant District Attorney
Essex County

Dear ADA Sarmini:

Enclosed is the analytical information you requested in regards to laboratory certificate number [REDACTED]. Included are copies of the following:

- 1) Laboratory Drug Receipt
- 2) Laboratory Control Card with chemists' hand notations
- 3) Analysis Reporting Form with chemist's hand notations
- 4) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data

The preliminary tests on this sample were performed by Daniel Renczkowski and the GC/MS analysis of this item was performed by Annie Dookhan.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

A handwritten signature in cursive script that reads "Daniel Renczkowski".

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: CBS, ASD

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Foxon Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Methuen Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: ptc Lavallo (Hardy)

Defendant(s) Name (last, first, initial):

[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

bag containing 13 twists tan powder substance (heroin)	15.57g	[REDACTED]

Received by: [Signature] Date: 12-17-10

No. [REDACTED]

Date Analyzed: 03-22-11

City: Methuen Police Dept.

Officer: P.O. Lavallee

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 13 Cont: pb

Date Rec'd: 12/17/2010

No. Analyzed: 2

Gross Wt.: 15.57 ✓

Net Weight: 3.99g

Tests: 9 DJR

• UASO

Prelim: Heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Methuen

ANALYST

DJR

No. of samples tested:

2

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

13 clear double bagged

PB's containing brown powdery substance. One of the PB's

was wrapped in clear tape with "AH" written on it.

Gross Wt (13): 6.1754g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 3.9962g

PRELIMINARY TESTS

Spot Tests

2 Cobalt Thiocyanate () +
2 Marquis + (black & purple)
2 Froehde's + (black & purple)
2 Mecke's +

Microcrystalline Tests

Gold Chloride _____

TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS

Heroin

DATE

3-18-11

GC/MS CONFIRMATORY TEST

RESULTS

Heroin

MS OPERATOR

ASD

DATE

3-22-11

Sample #: [REDACTED]

samples tested: 2

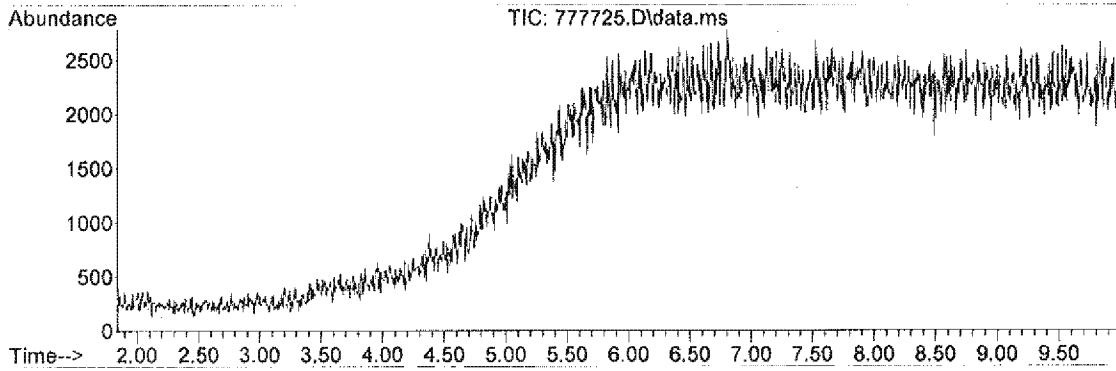
#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.4239	0.1609	0.2630	26			
2	0.4586	0.1067	0.3519	27			
3				28			
4		sum=	0.6149	29			
5		÷ 2 =	0.3074	30			
6		× 13 =	3.9962	31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

Information from Data File:

File Name : J:\03_19_11\777725.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:13
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

✓ ASD
4-15-11

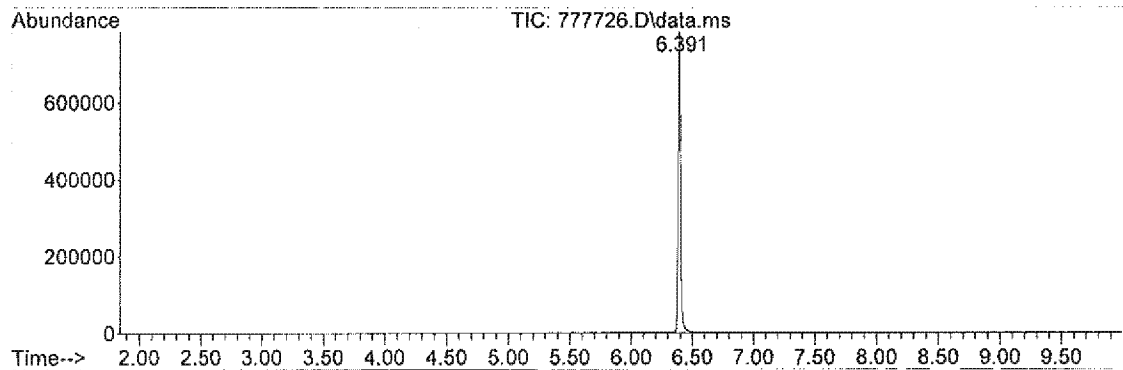


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\03_19_11\777726.D
Operator : ASD
Date Acquired : 19 Mar 2011 20:25
Sample Name : HEROIN STD
Submitted by :
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.391	1121502	100.00	100.00

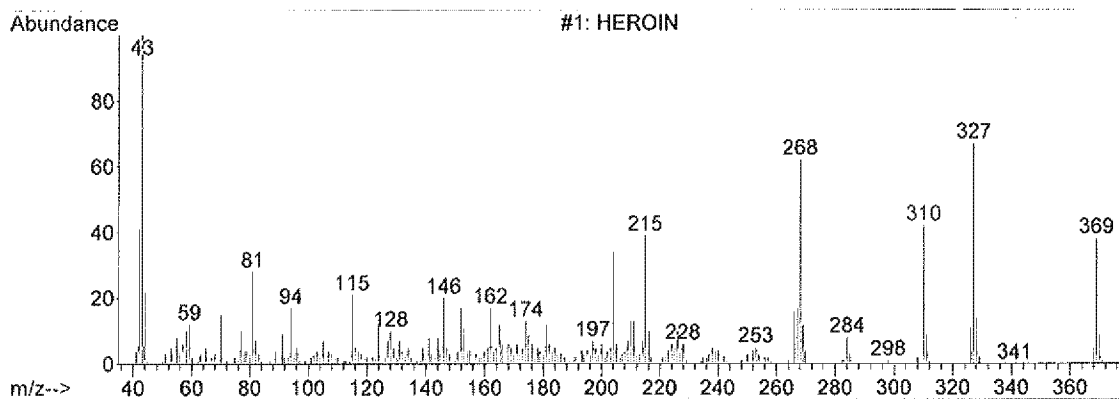
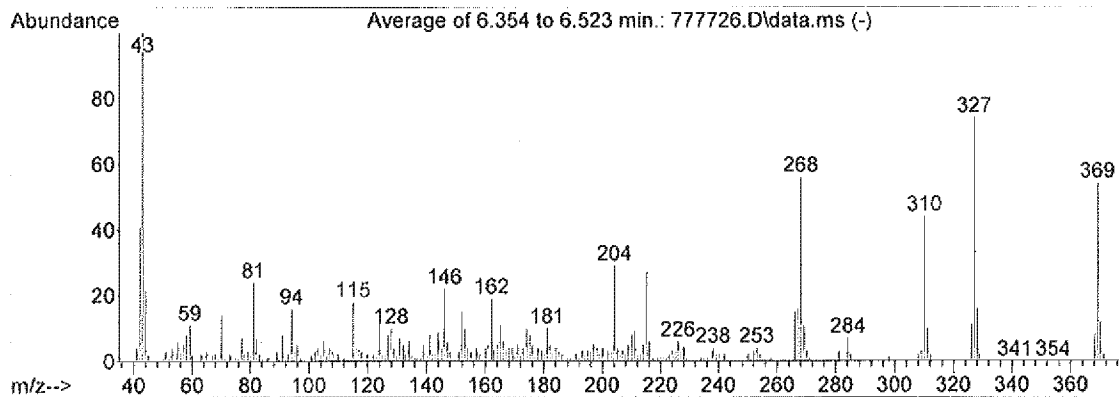
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777726.D
Operator : ASD
Date Acquired : 19 Mar 2011 20:25
Sample Name : HEROIN STD
Submitted by :
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

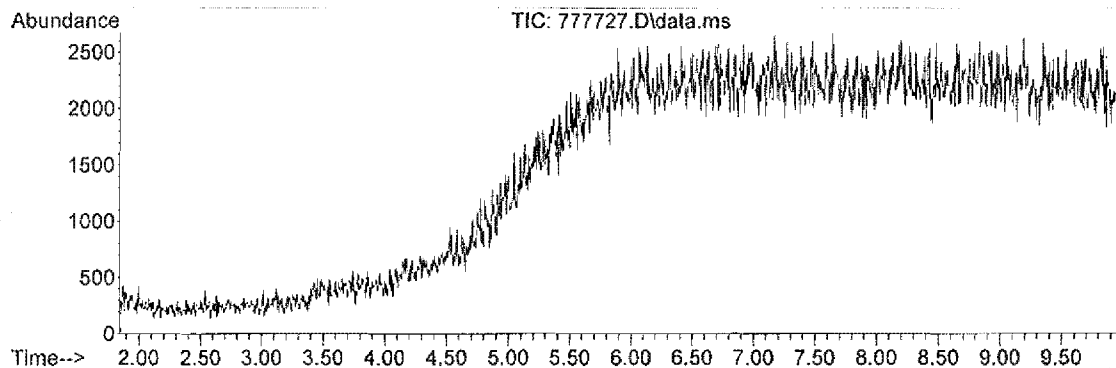
PK#	RT	Library/ID	CAS#	Qual
1	6.39	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777727.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:38
 Sample Name : BLANK
 Submitted by : DJR
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



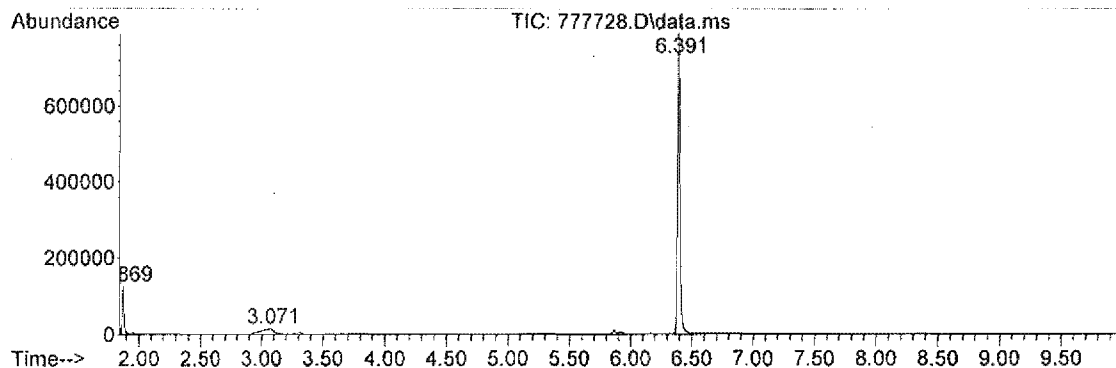
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777728.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:51
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.869	118283	8.85	10.60
3.071	102734	7.69	9.21
6.391	1115734	83.47	100.00

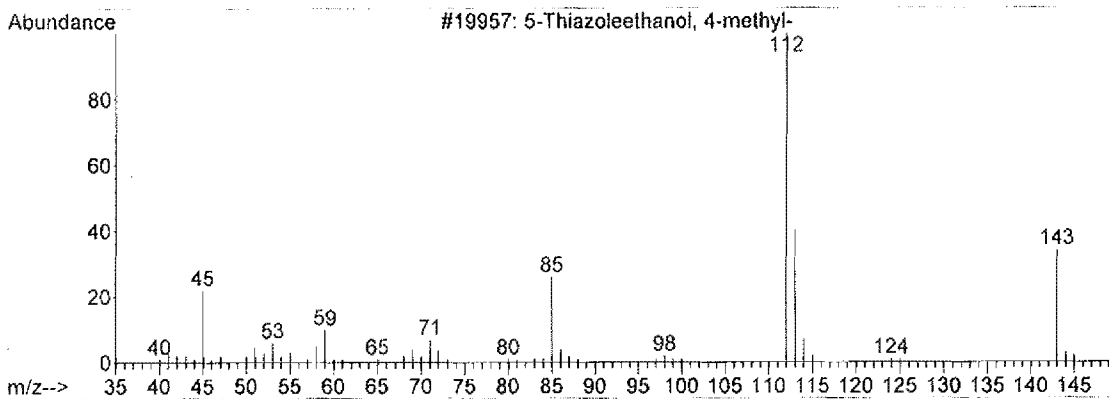
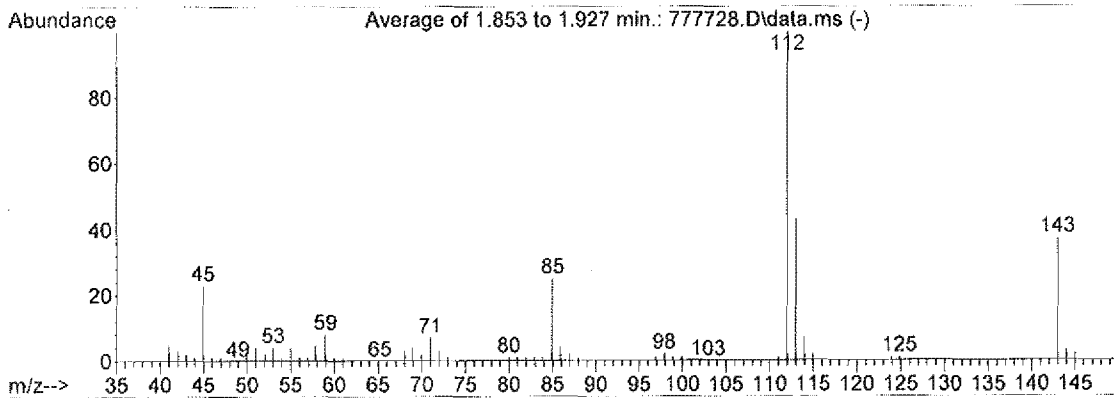
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777728.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:51
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.87	C:\Database\NIST08.L		
		5-Thiazoleethanol, 4-methyl-	000137-00-8	94
		5-Thiazoleethanol, 4-methyl-	000137-00-8	91
		5-Thiazoleethanol, 4-methyl-	000137-00-8	90



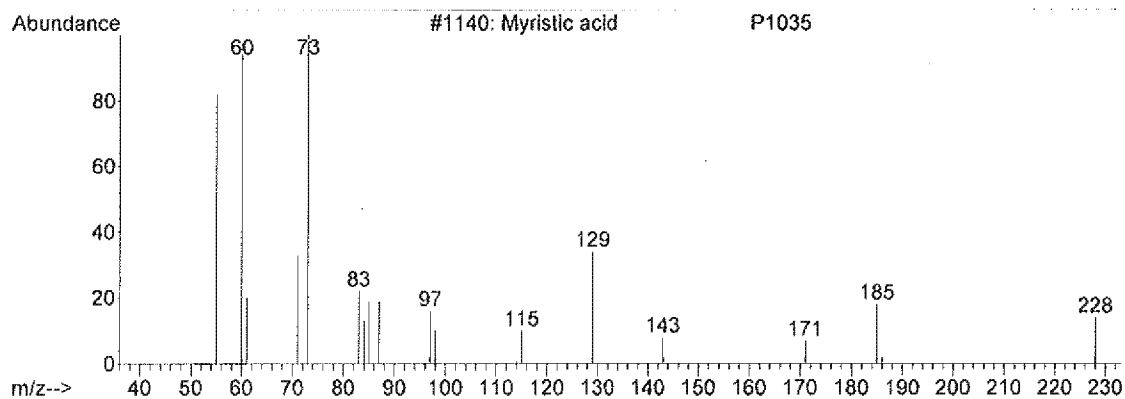
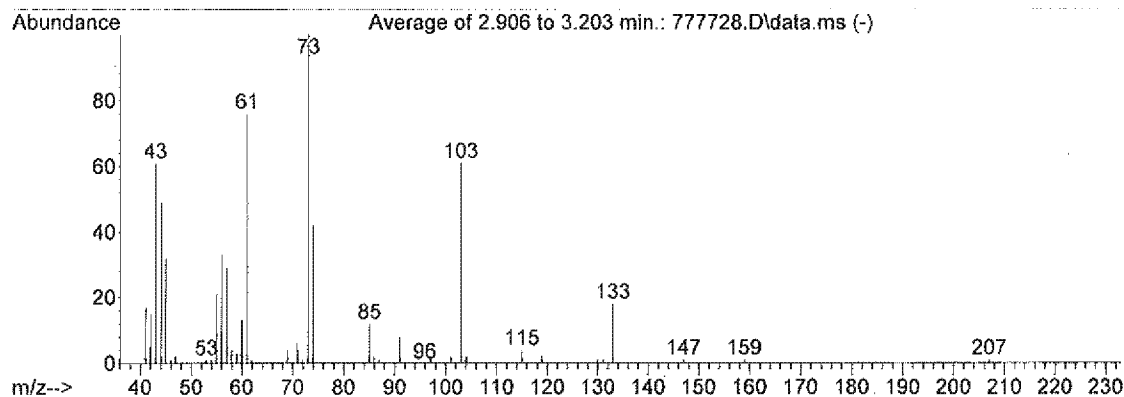
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777728.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:51
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.07	C:\Database\PMW_TOX2.L		
		Myristic acid	000544-63-8	4
		Eticyclidine prec. (ethylamine)	000075-04-7	3
		Aminoethanol	000141-43-5	3



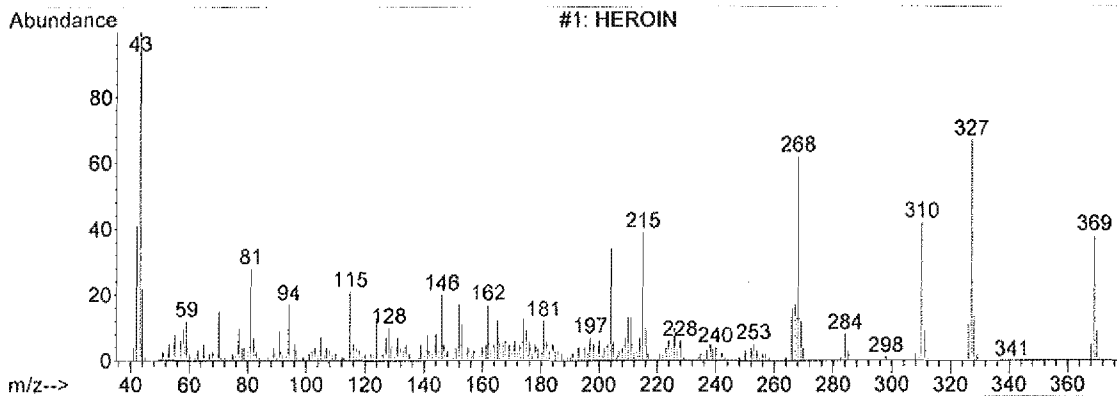
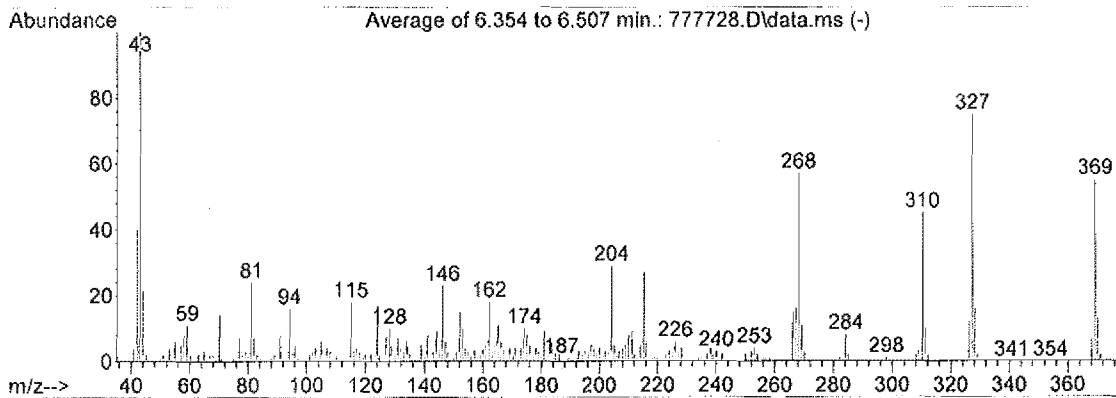
Area Percent / Library Search Report

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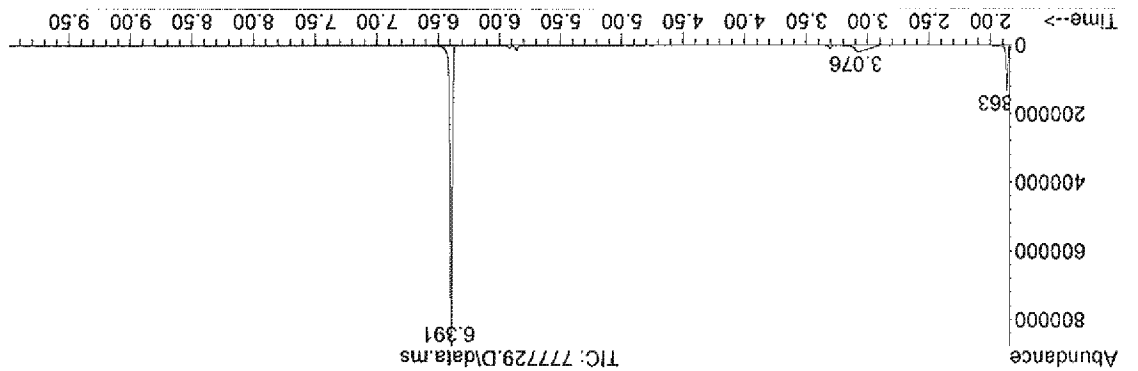
File Name : J:\03_19_11\777728.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 20:51
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.39	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:
 File Name : J:\03_19_11\777729.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 21:03
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 29
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.863	130455	8.64	10.72
3.076	162829	10.78	13.38
6.391	1216816	80.58	100.00

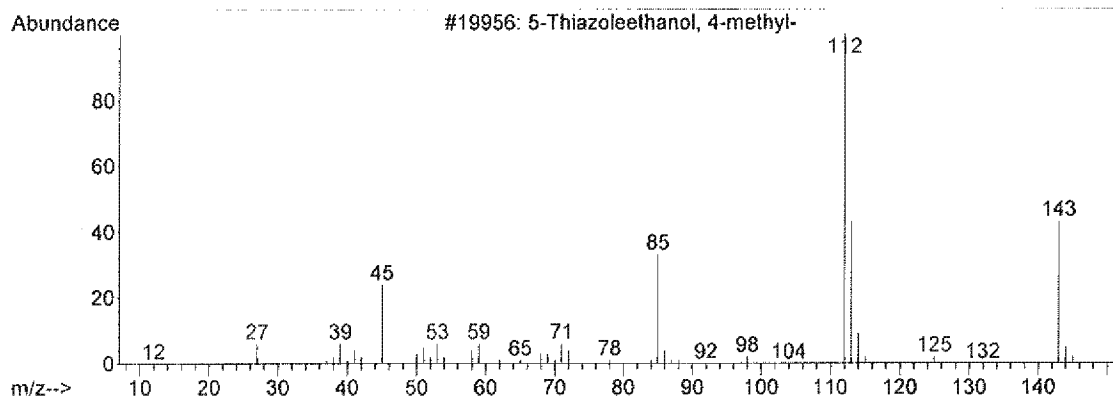
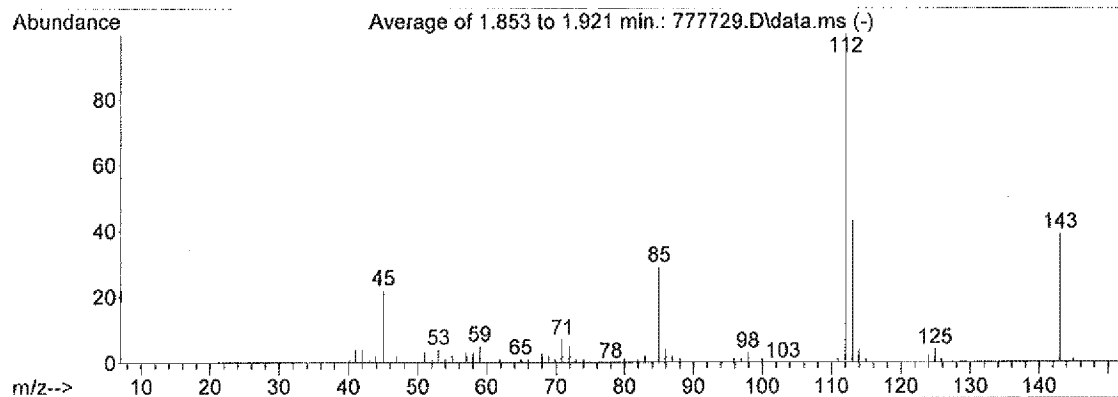
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777729.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 21:03
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 29
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.86	C:\Database\NIST08.L		
		5-Thiazoleethanol, 4-methyl-	000137-00-8	94
		5-Thiazoleethanol, 4-methyl-	000137-00-8	91
		5-Thiazoleethanol, 4-methyl-	000137-00-8	91



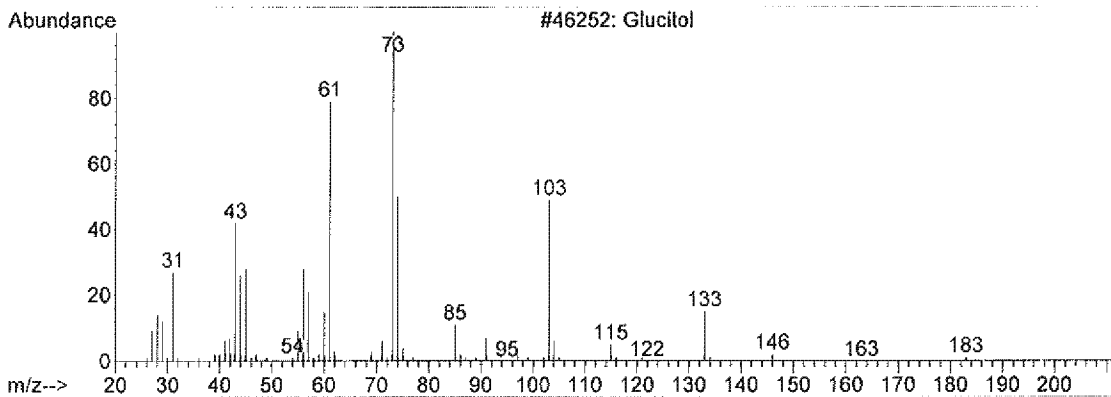
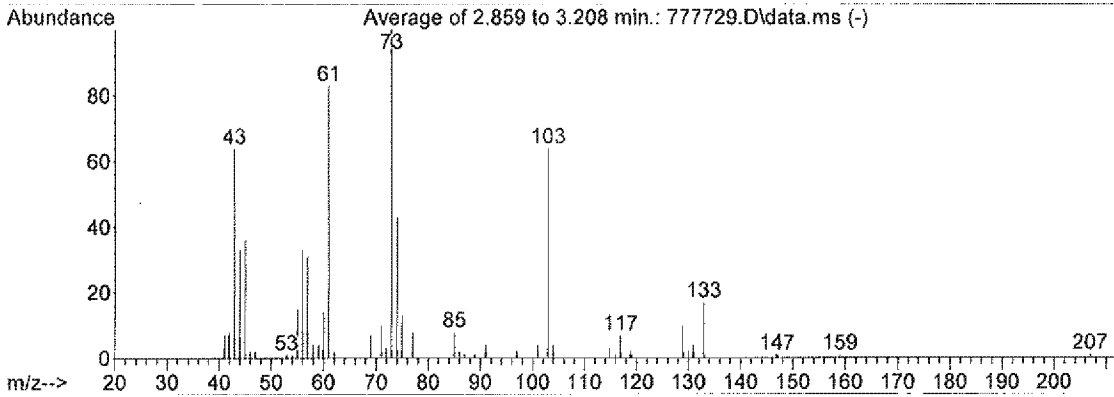
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777729.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 21:03
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 29
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.08	C:\Database\NIST08.L		
		Glucitol	026566-34-7	86
		Sorbitol	000050-70-4	80
		D-Mannitol	000069-65-8	78



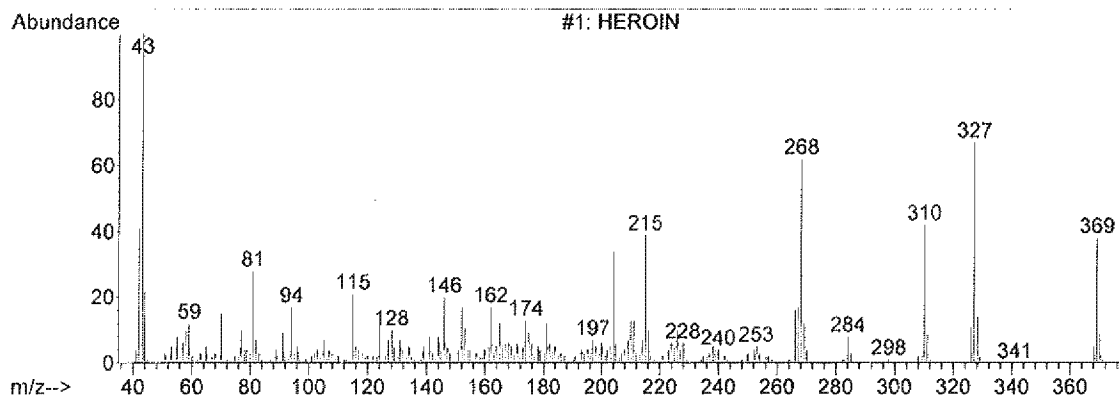
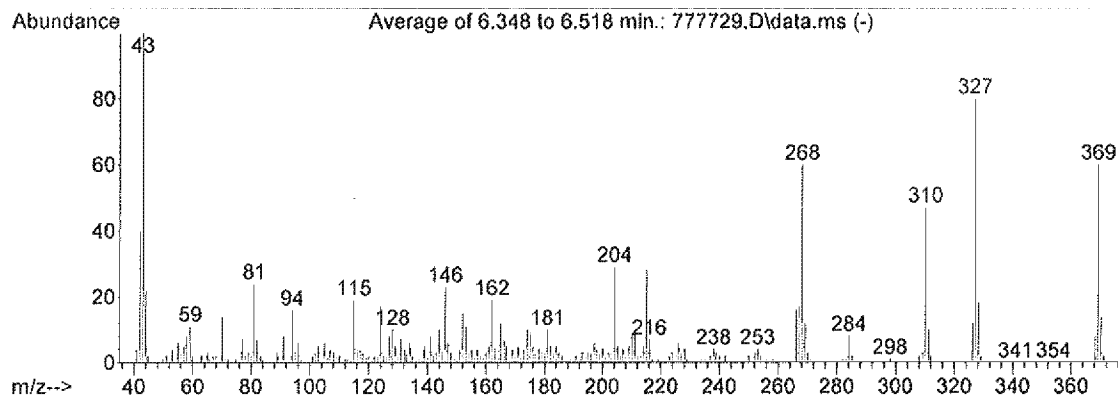
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777729.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 21:03
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 29
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

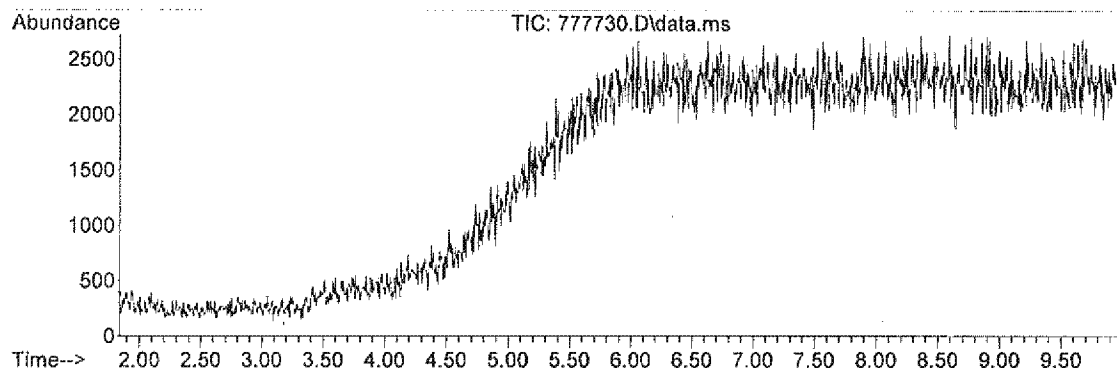
PK#	RT	Library/ID	CAS#	Qual
3	6.39	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777730.D
Operator : ASD
Date Acquired : 19 Mar 2011 21:16
Sample Name : BLANK
Submitted by : DJR
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



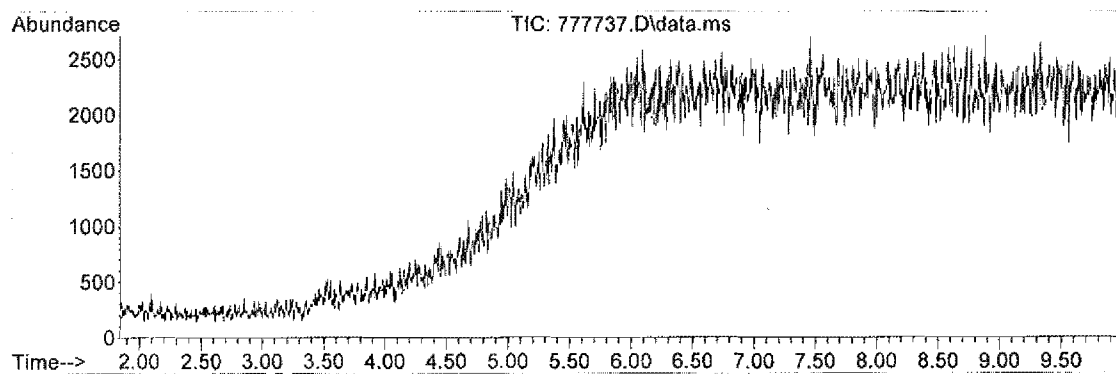
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

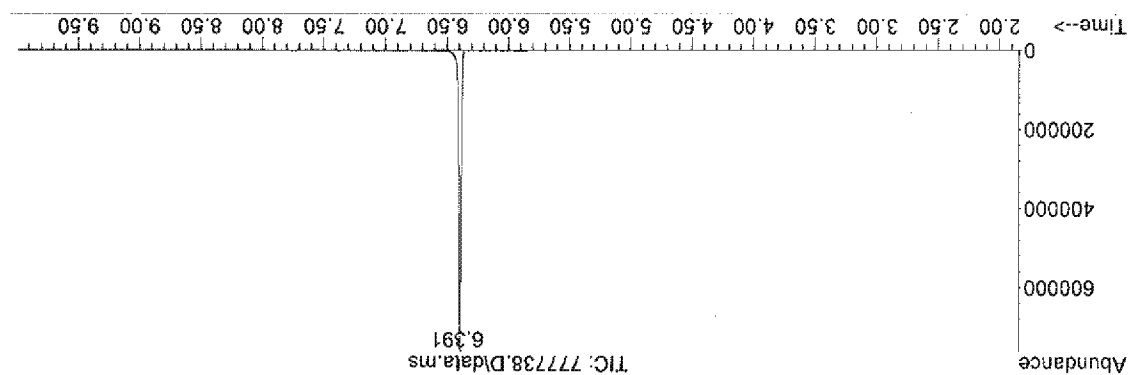
File Name : J:\03_19_11\777737.D
Operator : ASD
Date Acquired : 19 Mar 2011 22:44
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Ret. Time	Area	Area %	Ratio %
6.391	1090321	100.00	100.00



Information from Data File:

File Name : J:\03_19_11\777738.D

Operator : ASD

Date Acquired : 19 Mar 2011 22:56

Sample Name : HEROIN STD

Submitted by :

Vial Number : 26

AcquisitionMeth: DRUGS.M

Integrator : RTE

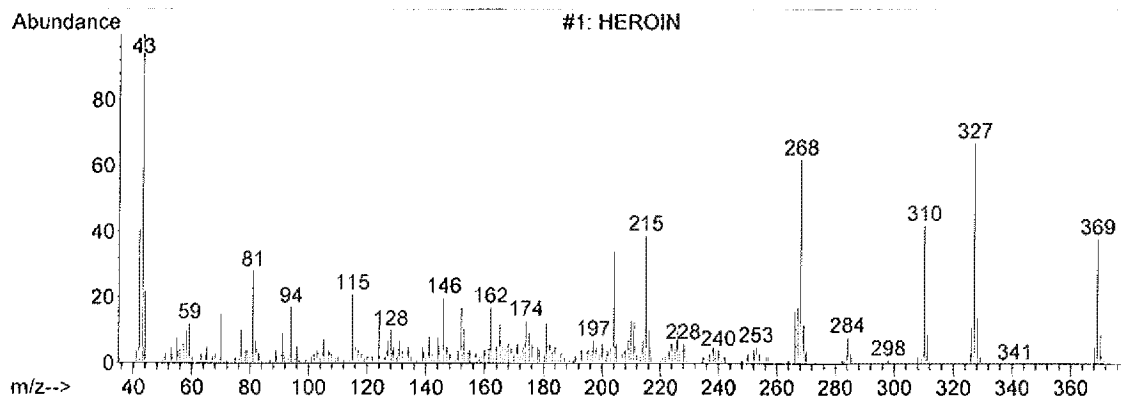
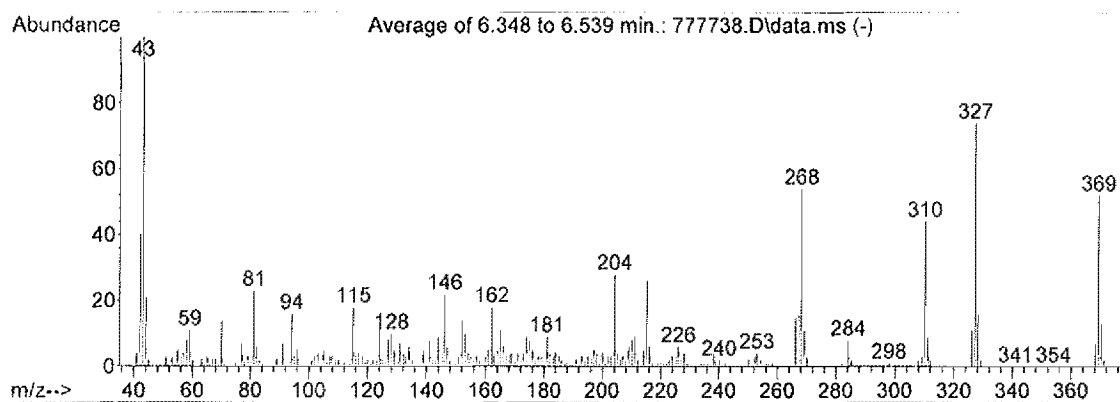
Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777738.D
 Operator : ASD
 Date Acquired : 19 Mar 2011 22:56
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 26
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

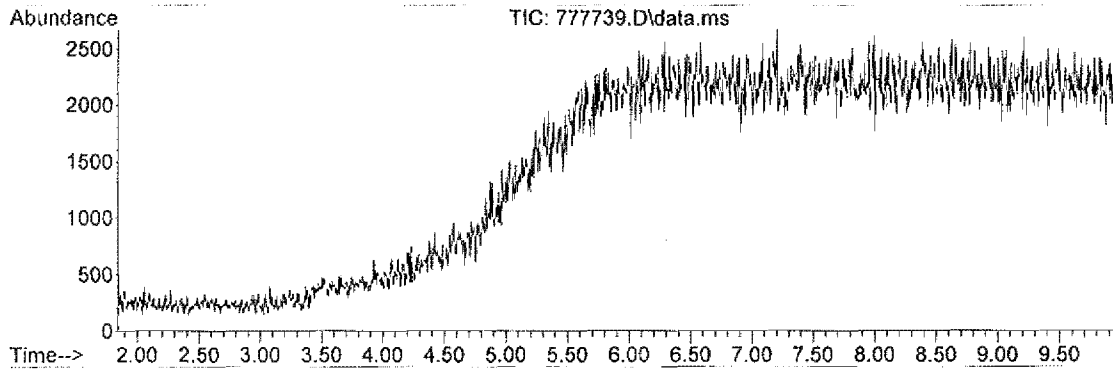
PK#	RT	Library/ID	CAS#	Qual
1	6.39	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\03_19_11\777739.D
Operator : ASD
Date Acquired : 19 Mar 2011 23:09
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS